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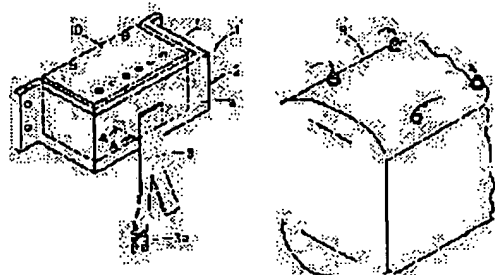
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(54) HEAT INSULATION DEVICE FOR BATTERY PROTECTION**(57)Abstract:**

PURPOSE: To reflect and isolate the outside air temperature to a battery, and insulate and radiate the heat to protect the battery by providing a body part formed by laminating a heat insulating resin layer on a metal film, and a heat radiating member mounted on the metal film and lead out from it.

CONSTITUTION: At least one metal film on the walls 4, 5 of a body part 2 is arranged on an engine 9 side of the outer surface, a heat insulating resin layer is laminated adjacent to the metal film, and a heat radiating member 3 is mounted on the metal film of the engine side wall 4. Thus, the high temperature heat of an engine room is reflected by the metal film, insulated by the heat insulating resin layer, and discharged through the member 3. Since heat insulating, heat reflecting, and heat radiating effects are thus enhanced, and battery is difficult to receive the influence of the engine heat, liquid temperature rise is minimized, and ordinary temperature can be comparatively held. Therefore, the battery the evaporation of sealing liquid of the battery (exhaustion of liquid) is minimized to make the battery free from maintenance, the thermal shock in the battery is minimized to improved durability, and heat retaining property can be enhanced as the battery is protected by the heat insulating material.

**LEGAL STATUS**

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